

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ILLINOIS, Southwest				
ADAMS COUNTY --- QUINCY [39.93, -91.40], 3.0 N CLAYTON [40.07, -90.95]				
	02/27/11 18:30 CST		0	Hail (1.00 in)
	02/27/11 18:58 CST		0	Source: Trained Spotter
A wide swath of three quarter to one inch hail was reported from Quincy through the Camp Point area to between Golden and Clayton.				
ADAMS COUNTY --- 8.0 SSE QUINCY [39.82, -91.34], PAYSON [39.82, -91.25]				
	02/27/11 18:31 CST		0	Hail (1.00 in)
	02/27/11 18:35 CST		0	Source: Trained Spotter
BROWN COUNTY --- 0.6 NNW TIMEWELL [40.01, -90.87]				
	02/27/11 18:55 CST		0	Hail (0.75 in)
	02/27/11 18:55 CST		0	Source: Law Enforcement
PIKE COUNTY --- 2.3 SE NEW CANTON [39.61, -91.07], 3.4 SE NEW CANTON [39.59, -91.06]				
	02/27/11 20:05 CST		0	Thunderstorm Wind (EG 61 kt)
	02/27/11 20:10 CST		0	Source: Newspaper
Thunderstorm winds blew down several large trees along Illinois Route 96 between New Canton and Rockport. One of the trees landed on a house causing moderate damage.				
BROWN COUNTY --- 1.2 SE MT STERLING [39.97, -90.75]				
	02/27/11 20:20 CST		0	Thunderstorm Wind (MG 65 kt)
	02/27/11 20:20 CST		0	Source: Law Enforcement
BROWN COUNTY --- 1.9 WSW HERSMAN [39.94, -90.76]				
	02/27/11 20:20 CST		0	Hail (1.00 in)
	02/27/11 20:20 CST		0	Source: Trained Spotter
MADISON COUNTY --- 1.9 WSW GRANITE CITY [38.71, -90.16], 1.4 WSW FOUR CORNERS [38.71, -90.10]				
	02/27/11 23:35 CST		0	Tornado (EF1, L: 3.26 mi , W: 100 yd)
	02/27/11 23:38 CST		0	Source: NWS Storm Survey
It was determined that an EF1 tornado cut a 100 yard wide, over 3 mile long path through Granite City. The tornado first touched down at approximately 11:35 PM near the intersection of Illinois Route 3 and Rock Road. There, a large storage facility lost much of its roof. The tornado rapidly moved eastward at nearly 60 mph, causing significant tree and roof damage in its path. The tornado reached Maryville Road at around 11:38 PM where it dissipated.				
ST. CLAIR COUNTY --- EAST ST LOUIS [38.62, -90.13], CAHOKIA [38.57, -90.17]				
	02/27/11 23:35 CST		0	Thunderstorm Wind (EG 61 kt)
	02/27/11 23:35 CST		0	Source: Trained Spotter
Thunderstorm winds blew down part of a fence and bent a flag pole in half in Cahokia.				
MADISON COUNTY --- 0.5 NW MARYVILLE [38.73, -89.96], 0.3 NNE MARYVILLE [38.73, -89.95]				
	02/27/11 23:39 CST		0	Thunderstorm Wind (MG 62 kt)
	02/27/11 23:39 CST		0	Source: Newspaper
Thunderstorm winds blew down several trees, numerous tree limbs and tore a 16 foot by 24 foot section of a roof off of Copper Creek Christian Church. A pavilion at Drost Park was picked up and dropped about 10 feet away from its original location.				
MADISON COUNTY --- 2.1 N GLEN CARBON [38.78, -89.98], 1.1 SE LE CLAIRE [38.79, -89.94]				
	02/27/11 23:39 CST		0	Tornado (EF1, L: 2.41 mi , W: 150 yd)
	02/27/11 23:41 CST		0	Source: NWS Storm Survey

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
The tornado touched down between Edwardsville and Glen Carbon near the intersection of Ginger Creek Drive and Illinois Route 157. There were several cedar trees uprooted at this location. The tornado continued east-northeast through the Ginger Creek Subdivision to the intersection of Center Grove Road and Illinois Route 159. This is where a metal industrial building sustained roof and siding damage. The tornado also crossed the intersection of Center Grove Road and Troy Road where a few signs of local businesses were damaged and a Home Depot sustained some damage to small preconstructed sheds sitting outside. The tornado continued east-northeast to near the intersection of Gerber Road and Governors Parkway where several houses sustained minor roof and siding damage. The tornado dissipated just beyond this location. The path length of this tornado was 2.4 miles long. Most of the damage along the path was rated EF0 with the maximum intensity rated EF1 for some tree damage and the industrial building damage. The maximum path width was 150 yards.				

MADISON COUNTY --- 1.2 WSW KUHN [38.77, -89.90], 0.8 E KUHN [38.78, -89.87]

02/27/11 23:42 CST	0	Tornado (EF1, L: 1.96 mi , W: 50 yd)
02/27/11 23:45 CST	0	Source: NWS Storm Survey

The tornado formed just west of Interstate 55 near Mick Road approximately 2 miles north of the Interstate 55/70/255 interchange where a few power poles were knocked over. The tornado crossed Interstate 55 and produced minor tree damage. It continued east-northeast where it produced roof and siding damage to a couple of homes. One home had part of the roof decking on the south side of the house removed while another had a flag pole located well to the north of the structure bent over almost to ground level. This pole was pointing south. Further along the path, a barn was destroyed along Staunton Road with debris strewn several hundred yards across the road into an open field. The tornado continued east-northeast until it snapped several mature pine trees off several feet above the ground along Nealy Lane. The tornado dissipated before reaching Illinois Route 4. The path length was 2 miles. The tornado had a maximum width of 50 yards and maximum intensity of EF1 for the destroyed barn and the snapped pine trees.

MADISON COUNTY --- 0.2 ENE CHINATOWN [38.73, -89.93], 0.4 W TROY [38.73, -89.88]

02/27/11 23:45 CST	0	Tornado (EF2, L: 2.70 mi , W: 200 yd)
02/27/11 23:48 CST	1	Source: NWS Storm Survey

It was determined that a tornado touched down on Weathervane Road on the west side of Troy at approximately 11:45 PM. It was there that the tornado was at its strongest, an EF2, as it completely removed the roof from a well constructed home. One occupant received a serious head laceration and was treated at a local hospital. The tornado moved eastward at 60 mph, with a damage swath of 100 to 200 yards wide. Numerous trees, power lines, and roofs sustained minor to moderate damage along its path. The tornado continued to near the intersection of North Dewey Street and East Market Street, where it lifted at approximately 11:48 PM. The path length was 2.7 miles long.

MADISON COUNTY --- 0.8 SSE (ALN)STL RGNL ARPT A [38.89, -90.05]

02/27/11 23:46 CST	0	Thunderstorm Wind (MG 52 kt)
02/27/11 23:46 CST	0	Source: AWOS

MADISON COUNTY --- 2.4 NW ALHAMBRA [38.90, -89.75]

02/27/11 23:50 CST	0	Thunderstorm Wind (EG 61 kt)
02/27/11 23:50 CST	0	Source: Newspaper

Thunderstorm winds blew the metal roof off of a shed and part of the roof off of a grain silo.

ST. CLAIR COUNTY --- 3.2 ESE MASCOUTAH [38.48, -89.75]

02/27/11 23:50 CST	0	Thunderstorm Wind (EG 61 kt)
02/27/11 23:50 CST	0	Source: Amateur Radio

Thunderstorm winds blew over a semi on Illinois Route 177 east of Mascoutah. No injuries were reported.

MADISON COUNTY --- 0.9 NW HIGHLAND [38.74, -89.68], 0.7 NNE HIGHLAND [38.74, -89.66]

02/27/11 23:52 CST	0	Thunderstorm Wind (EG 61 kt)
02/27/11 23:52 CST	0	Source: Public

Thunderstorm winds blew down several power lines, tree limbs and signs throughout town.

CLINTON COUNTY --- 0.4 N NEW BADEN [38.54, -89.70], 0.7 NW AVISTON [38.61, -89.61]

02/27/11 23:55 CST	0	Thunderstorm Wind (MG 53 kt)
02/28/11 00:00 CST	0	Source: Trained Spotter

MADISON COUNTY --- 1.1 N HIGHLAND WINET ARPT [38.80, -89.63]

02/27/11 23:55 CST	1.50K	Thunderstorm Wind (EG 61 kt)
02/27/11 23:55 CST	0	Source: Newspaper

Thunderstorm winds caused a barn to collapse on a hog farm. Four hogs were killed.

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
BOND COUNTY --- 1.4 SE OLD RIPLEY [38.87, -89.55], 1.9 WNW STUBBLEFIELD [38.86, -89.50]				
	02/27/11 23:57 CST	0		Tornado (EF1, L: 2.70 mi , W: 50 yd)
	02/28/11 00:00 CST	0		Source: NWS Storm Survey
<p>A tornado touched down approximately 2.5 miles north of Pocahontas at a farm and residence along File Avenue. A concentrated area of extensive tree damage was found next to the residence. Every hardwood and softwood tree in this area was snapped at the trunk. Tree tops were thrown 30 to 50 yards. Several trees were also uprooted. The house sustained shingle damage and two supporting posts on the house were blown out. A granary was destroyed with debris thrown between 50 and 100 yards. A large metal storage shed lost its roof and two walls were blown out with debris scattered between 1/4 and 1/2 mile. The tornado skipped east, hitting another farmstead on Shawnee Road, causing damage to a silo and roof. The debris was tossed to the north over 300 yards. The maximum damage was rated EF1 with a maximum wind speed around 100 mph. The total length of the tornado was 2.7 miles with a maximum width of 50 yards.</p>				
MONTGOMERY COUNTY --- LITCHFIELD [39.18, -89.65]				
	02/28/11 00:00 CST	0		Thunderstorm Wind (MG 52 kt)
	02/28/11 00:00 CST	0		Source: Trained Spotter
WASHINGTON COUNTY --- 0.6 SW OKAWVILLE [38.42, -89.56], 2.4 E OKAWVILLE [38.43, -89.51]				
	02/28/11 00:03 CST	0		Tornado (EF0, L: 2.77 mi , W: 50 yd)
	02/28/11 00:06 CST	0		Source: NWS Storm Survey
<p>The tornado formed just to the southwest of Okawville. The tornado moved across the south side of town and damaged the local grain elevator, produced some minor roof and exterior damage to houses along the south side of East Schumacher Street. The Emmanuel Lutheran School also sustained some minor roof damage. The tornado continued to the east where it produced some additional damage and snapped an 8-10 inch diameter tree trunk approximately 6 feet off the ground. The tornado continued east until it damaged a house on Hummingbird Road. This house suffered an unknown amount of roof damage because it was in the process of being repaired. There was also minor tree damage and an outbuilding that was destroyed with the debris scattered several hundred yards to the northeast. The tornado lifted just to the east of this location. Path length was 2.8 miles with a maximum width of 50 yards and rated EF0.</p>				
WASHINGTON COUNTY --- 0.6 SE COVINGTON [38.44, -89.42], 1.0 NNW NEW MINDEN [38.44, -89.38]				
	02/28/11 00:08 CST	0		Tornado (EF2, L: 2.34 mi , W: 100 yd)
	02/28/11 00:11 CST	0		Source: NWS Storm Survey
<p>The tornado touched down approximately 6 miles east of Okawville on Illinois Route 177 near the Kuhl Lumber and Pallet Company. Minor roof and siding damage occurred to an ongoing construction project at the saw mill. A few trees along a tree line to the east of the complex were topped. The tornado continued east where it struck a farmstead causing considerable damage. A 48 by 96 foot machine shed was completely destroyed with much of the debris scattered up to almost one mile to the east. Another building was lost at this location as well as a grain bin. Two other barns sustained damage with one being pushed off the foundation by several feet. The debris from the machine shed impacted the house, garage and workshop with several missiles not only in the ground but also into other structures. The home sustained several broken windows from flying debris. The roof of the home had at least five rafters damaged when an unknown heavy object hit the roof, but was blown away during the storm. The tornado continued to the east and dissipated approximately one mile west of New Minden. The path length was 2.3 miles with a maximum intensity of EF2 due to the damage at the farmstead. Maximum damage width was 100 yards.</p>				
CLINTON COUNTY --- 0.4 NE BARTELSON [38.53, -89.47]				
	02/28/11 00:10 CST	0		Thunderstorm Wind (EG 61 kt)
	02/28/11 00:10 CST	0		Source: Trained Spotter
<p>Thunderstorm winds blew down a barn and snapped several power poles.</p>				
WASHINGTON COUNTY --- 0.4 SSW HOYLETON [38.44, -89.27]				
	02/28/11 00:18 CST	0		Thunderstorm Wind (EG 61 kt)
	02/28/11 00:18 CST	0		Source: Trained Spotter
<p>Thunderstorm winds blew down a couple of ham radio antennas.</p>				
RANDOLPH COUNTY --- 2.1 S SCHULINE [38.05, -89.78]				
	02/28/11 00:20 CST	0		Thunderstorm Wind (EG 56 kt)
	02/28/11 00:20 CST	0		Source: Law Enforcement
<p>Thunderstorm winds blew down a large tree onto Zion Church Road, southeast of Walsh.</p>				
FAYETTE COUNTY --- 2.0 S SEFTON [39.04, -88.96]				

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/28/11 00:23 CST		0	Thunderstorm Wind (MG 52 kt)
	02/28/11 00:23 CST		0	Source: Trained Spotter

FAYETTE COUNTY --- 0.2 NNE CONFIDNECE [38.92, -88.93], 1.3 E CONFIDNECE [38.92, -88.91]

02/28/11 00:27 CST	0	Tornado (EF2, L: 1.26 mi , W: 90 yd)
02/28/11 00:28 CST	0	Source: NWS Storm Survey

A tornado touched down in Confidence, Illinois approximately 8 miles southwest of St. Elmo or 9.5 miles east-southeast of Vandalia. The tornado touched down near the intersection of County Road 1750E and County Road 1275N. In this location it damaged a residence, trees, and outbuildings. A convergent pattern was found in the debris. The tornado then continued east northeast and damaged several residences and farm buildings along County Road 1275N. One residence was shifted 22 feet off the foundation and another was shifted 6 feet off the foundation. Lumber from the roof was driven into the siding and into the foundation at a third residence. The tornado then skipped through a wooded area north of County Road 1275N before lifting west of Illinois Route 185. The maximum damage was rated EF2 with a maximum wind speed around 120 mph. The total length of this tornado was approximately 1.3 miles with a maximum width of 90 yards.

MARION COUNTY --- CENTRAL CITY [38.55, -89.13]

02/28/11 00:30 CST	0	Thunderstorm Wind (EG 52 kt)
02/28/11 00:30 CST	0	Source: Trained Spotter

Thunderstorm winds blew down numerous tree limbs and several power lines.

FAYETTE COUNTY --- 1.3 SE ST ELMO [39.02, -88.83], 1.4 SE ST ELMO [39.02, -88.83]

02/28/11 00:32 CST	0	Tornado (EF1, L: 0.15 mi , W: 10 yd)
02/28/11 00:33 CST	0	Source: NWS Storm Survey

A tornado briefly touched down approximately 1 mile southeast of St. Elmo at a farm building located a tenth of a mile south of Interstate 70 and two tenths of a mile north of County Road 1900N along County Road 2250E. The south facing wall of a large metal farm storage building was blown out with debris scattered over one half mile into an adjacent field. Several 2x4s were driven several feet into the ground. A billboard just south of the farm building supported by 16 wooden posts, each 5 to 10 inches in diameter. All of these posts were snapped but there was no damage to the power poles directly across the road. Since the billboard was found on the road directly in front of the posts rather than farther downstream, it appears that straight line winds caused damage to the billboard while the tornado was responsible for damage to the farm building. The maximum damage was rated EF1 with a maximum wind speed around 95 mph. The total length of this tornado was approximately two tenths of a mile with a maximum width of 10 yards.

FAYETTE COUNTY --- 3.3 SE ST ELMO [39.00, -88.81], 3.4 SE ST ELMO [39.00, -88.81]

02/28/11 00:33 CST	0	Tornado (EF2, L: 0.08 mi , W: 50 yd)
02/28/11 00:34 CST	0	Source: NWS Storm Survey

A tornado briefly touched down near the Fayette and Effingham county line approximately two tenths of a mile south of County Road 1800N. Two large farm buildings were destroyed and debris was thrown 1 mile to the east into Effingham County. Other farm buildings also sustained damage. There were four spots on the property with evidence that heavy debris, including a cinderblock, was thrown a substantial distance to the northwest. Several 2x4s were driven several feet into the ground. The tornado did not go into Effingham county. The maximum damage was rated EF2 with a maximum wind speed around 115 mph. The total length of this tornado was a tenth of a mile with a maximum width of 50 yards.

A quasi-stationary frontal boundary was the main focusing mechanism for a round of significant severe weather over the forecast area.

A strong shortwave moved along the boundary triggering widespread showers and thunderstorms. Numerous reports of large hail, damaging winds and 22 tornadoes occurred with this system.

MISSOURI, East

MARION COUNTY --- PALMYRA [39.80, -91.53]

02/27/11 18:20 CST	0	Hail (0.88 in)
02/27/11 18:20 CST	0	Source: Trained Spotter

SHELBY COUNTY --- 3.0 SW SHELBYNA [39.67, -92.09], 3.0 ESE SHELBYNA [39.68, -92.00]

02/27/11 18:42 CST	0	Thunderstorm Wind (EG 78 kt)
02/27/11 18:50 CST	0	Source: NWS Storm Survey

In addition to the tornadoes in the area, damaging straight line winds occurred throughout the area, primarily on an axis from 3 miles southwest of Shelbyna to 3 miles east of Shelbyna. The strongest straight line winds, approaching 90 mph, appear to have occurred east of Shelbyna and just south of U.S. Highway 36, where power poles were snapped off by the high winds. Just north of U.S. Highway 36, the west side of a large machine shed also suffered significant straight line wind damage.

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SHELBY COUNTY --- 2.4 SSE SHELBY [39.67, -92.04], 2.4 SE SHELBY [39.67, -92.02]				
	02/27/11 18:45 CST		0	Tornado (EF1, L: 1.03 mi , W: 30 yd)
	02/27/11 18:46 CST		0	Source: NWS Storm Survey
<p>The tornado initially touched down 1.5 miles south of Shelby just west of Highway 15, damaging a small storage building and scattering debris across Highway 15. The tornado then continued to the east-northeast, severely damaging a large metal farm building. The debris from this building was blown downwind over half a mile. The maximum damage was rated EF1, with a maximum wind speed around 90 mph. Total length of this tornado was around a mile, with a maximum width of 20 to 30 yards.</p>				
MONROE COUNTY --- 6.2 WNW NORTH FORK [39.66, -92.04], 5.2 WNW NORTH FORK [39.66, -92.01]				
	02/27/11 18:48 CST		0	Tornado (EF0, L: 1.27 mi , W: 20 yd)
	02/27/11 18:49 CST		0	Source: NWS Storm Survey
<p>The tornado initially touched down just southwest of the intersection of Highway 15 and Route WW, in far north central Monroe County, damaging several metal machine sheds and tossing debris over a quarter of a mile downwind. The tornado continued moving east-northeast crossing into far southern Shelby County. The damage was rated EF0, with a maximum wind speed around 80 mph and a width of 20 yards. The total overall length of the tornado for both Monroe and Shelby counties was 2 miles.</p>				
SHELBY COUNTY --- 3.4 WSW LAKENAN [39.66, -92.01], 2.6 WSW LAKENAN [39.66, -92.00]				
	02/27/11 18:49 CST		0	Tornado (EF0, L: 0.75 mi , W: 20 yd)
	02/27/11 18:50 CST		0	Source: NWS Storm Survey
<p>As the tornado crossed from far north central Monroe County into southern Shelby County it struck a farmstead just north of County Line Road. At this location two small grain bins were destroyed, one of which was wrapped around a power pole a quarter of a mile to the east. A larger grain bin was partially shifted off its foundation, and suffered a partial collapse on its west side. A nearby windmill was also destroyed. The damage was rated EF0, with a maximum wind speed around 80 mph and a width of 20 yards. The total overall length of the tornado for both Monroe and Shelby counties was 2 miles.</p>				
MARION COUNTY --- HANNIBAL MUNI ARPT [39.73, -91.45], 1.3 ENE HANNIBAL [39.71, -91.36]				
	02/27/11 19:39 CST		0.10M	Thunderstorm Wind (MG 76 kt)
	02/27/11 19:42 CST		0	Source: AWOS
<p>Thunderstorm winds flipped over a Cessna plane destroying it and damaged three other planes at the Hannibal Regional Airport. Further to the east in town, several large trees were blown over. One large tree landed on an unoccupied car causing major damage. Also, several power lines were blown down.</p>				
PIKE COUNTY --- 4.4 W READING [39.48, -91.21], 2.4 WNW READING [39.49, -91.17]				
	02/27/11 20:05 CST		0	Tornado (EF0, L: 2.28 mi , W: 40 yd)
	02/27/11 20:08 CST		0	Source: NWS Storm Survey
<p>The tornado initially touched down at approximately 8:05 PM on County Road 122 between Highways B and YY. A narrow swath of tree damage was found at this point. Several large pine trees were severed about half way up the trunk. The tops of the pine trees could not be found. The tornado skipped and caused additional tree damage 1/4 mile south of the intersection of County Road 120 and Highway B. The final area of tree damage was found crossing Highway 79 approximately 1 mile east of the intersection of Highways B and 79. The width of the damage area ranged from 30 to 40 yard and was rated EF0. The damage track length was approximately 2.3 miles.</p>				
RALLS COUNTY --- 2.2 NNW LIBERTY HALL [39.38, -91.59], 4.9 E LIBERTY HALL [39.36, -91.48]				
	02/27/11 21:45 CST		0	Thunderstorm Wind (EG 65 kt)
	02/27/11 21:50 CST		0	Source: Law Enforcement
<p>Thunderstorm winds destroyed a barn on Highway Y southeast of Perry, caused moderate roof damage to a house nearby and several power poles were blown down along Highway F.</p>				
PIKE COUNTY --- 2.2 ESE FRANKFORD [39.49, -91.29], 4.1 E FRANKFORD [39.49, -91.25]				
	02/27/11 22:00 CST		0	Thunderstorm Wind (EG 65 kt)
	02/27/11 22:10 CST		0	Source: NWS Storm Survey
<p>Thunderstorm winds caused damage to silos, medium to large trees and three homes in an area along and south of Highway B and north of County Road 123. Shingles were mainly removed from the roofs of three homes while both pine and oak trees were either snapped at the base or uprooted. Winds ranged from 65 to 75 miles per hour over this area.</p>				
OSAGE COUNTY --- 0.8 SSE WESTPHALIA [38.44, -91.99], 2.0 SE JUDGE [38.40, -91.75]				

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/27/11 22:05 CST		18K	Thunderstorm Wind (EG 70 kt)
	02/27/11 22:18 CST		0	Source: Newspaper
Thunderstorm winds caused scattered damage throughout Osage county. In Westphalia, the roof of a gym on a school sustained major damage when a large portion of the roof was blown off. Further to the east on County Road 811, a large tree was blown down onto a mobile home cutting it into two. No injuries were reported at this location. On County Road 806, a horse barn was blown down. The horses were unhurt, but an RV stored in the barn was damaged. A shed across the street was destroyed as well. In Linn, the high winds damaged several pieces of equipment for track and field events at the high school and a rooftop A/C unit was blown on its side at the elementary school.				
PIKE COUNTY --- 0.7 SE FRANKFORD [39.49, -91.32]				
	02/27/11 22:05 CST		0	Hail (1.00 in)
	02/27/11 22:05 CST		0	Source: Trained Spotter
PIKE COUNTY --- 2.3 E FRANKFORD [39.50, -91.29], 3.7 E FRANKFORD [39.50, -91.26]				
	02/27/11 22:05 CST		0	Tornado (EF0, L: 1.41 mi , W: 40 yd)
	02/27/11 22:07 CST		0	Source: NWS Storm Survey
The tornado initially touched down just south of Highway B, 1.9 miles east of Frankford, Missouri at approximately 10:05 PM. A machine shed was severely damaged at this location, and several missiles from the machine shed were embedded into the ground. This tornado destroyed three more machine sheds along its path. Debris was tossed between a quarter and a third of a mile to the east-northeast. The width of the damage ranged from 30 to 40 yards while the length of the tornado track was 1.4 miles. The damage was rate EF0.				
OSAGE COUNTY --- 2.1 WSW JUDGE [38.41, -91.82], 1.9 WSW JUDGE [38.41, -91.81]				
	02/27/11 22:15 CST		0	Tornado (EF1, L: 0.24 mi , W: 50 yd)
	02/27/11 22:16 CST		0	Source: NWS Storm Survey
A tornado hit a farmstead around 10:15PM one-half mile south of the intersection of County Roads 804 and 811 on a ridge. A large barn was totally destroyed while a brick ranch home had several broken windows on the west side. Roofing materials were also removed. A few trees and pines were snapped about half way up and tossed over 40 to 50 yards to the east. The width of the damage track was approximately 50 yards while damage intensity was rated EF1. The damage length was approximately a quarter of a mile.				
PIKE COUNTY --- 0.6 ESE ASHBURN [39.55, -91.17]				
	02/27/11 22:16 CST		0	Thunderstorm Wind (MG 52 kt)
	02/27/11 22:16 CST		0	Source: Trained Spotter
GASCONADE COUNTY --- 3.7 WNW WOOLLAM [38.41, -91.64], 3.2 NW WOOLLAM [38.41, -91.63]				
	02/27/11 22:20 CST		0	Thunderstorm Wind (EG 70 kt)
	02/27/11 22:20 CST		0	Source: Newspaper
Thunderstorm winds blew down a machine shed on a farm and blew part of the roof off of a pole barn. Also, numerous trees and tree limbs were blown down in the area as well as along Brick Church Road to the east.				
GASCONADE COUNTY --- 0.1 S OWENSVILLE [38.35, -91.50]				
	02/27/11 22:30 CST		0	Thunderstorm Wind (EG 52 kt)
	02/27/11 22:30 CST		0	Source: Law Enforcement
Thunderstorm winds tore off a large angle-iron framed awning off of a business downtown. Also, numerous power lines, trees and tree limbs were blown down around town.				
GASCONADE COUNTY --- 1.0 SSW HERMANN [38.69, -91.44]				
	02/27/11 22:30 CST		0	Thunderstorm Wind (EG 52 kt)
	02/27/11 22:30 CST		0	Source: Newspaper
Thunderstorm winds blew down a large tree in the See-Tal Subdivision. The tree landed on the corner of nearby house causing minor damage.				
GASCONADE COUNTY --- 2.7 SW STONY HILL [38.50, -91.40], 2.3 SSW STONY HILL [38.50, -91.39]				
	02/27/11 22:33 CST		0	Tornado (EF1, L: 0.74 mi , W: 175 yd)
	02/27/11 22:34 CST		0	Source: Trained Spotter

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
A tornado touched down about half a mile west of the intersection of Lone Grove School Road and Hesemann Road. In this location it broke off and uprooted numerous trees. As it travelled to the east it blew over a hay wagon and overturned a couple of tanks and farm equipment. A nearby home sustained minor roof damage and a shed was completely flattened. It blew over more trees before crossing Lone Grove School Road. At this location it blew part of the roof off of a large barn. It travelled a little further to the east blowing down a few more trees near Grannemann Road before lifting and dissipating. The max width of the tornado was 175 yards and was on the ground for three quarters of a mile. It was rated as EF1.				

GASCONADE COUNTY --- 2.8 SSW STONY HILL [38.50, -91.40], 2.6 SSW STONY HILL [38.50, -91.39]

02/27/11 22:34 CST	0	Thunderstorm Wind (EG 61 kt)
02/27/11 22:34 CST	0	Source: Trained Spotter

Thunderstorm winds blew over two large trees near Lone Grove School Road as well as numerous large tree limbs.

FRANKLIN COUNTY --- 1.7 S BEEMONT [38.46, -91.36]

02/27/11 22:36 CST	0	Hail (1.75 in)
02/27/11 22:36 CST	0	Source: Trained Spotter

FRANKLIN COUNTY --- 0.7 WNW GERALD [38.41, -91.33]

02/27/11 22:40 CST	0	Thunderstorm Wind (EG 61 kt)
02/27/11 22:40 CST	0	Source: Newspaper

Thunderstorm winds blew off a 15 foot section of the Calvary New Life Tabernacle Church. Also, a mobile home in the neighboring trailer park lost part of its roof.

FRANKLIN COUNTY --- 3.2 NW CASCO [38.50, -91.23]

02/27/11 22:42 CST	0	Thunderstorm Wind (EG 61 kt)
02/27/11 22:42 CST	0	Source: Newspaper

Thunderstorm winds destroyed a machine shed and an equipment storage shed on a farm just south of the intersection of Highway C and Highway YY. Also, a 60 foot concrete brick silo was destroyed, sheet metal was blown off of a barn used to store hay and several trees were blown down.

FRANKLIN COUNTY --- 0.5 W BEAUFORT [38.42, -91.19]

02/27/11 22:45 CST	0	Thunderstorm Wind (EG 52 kt)
02/27/11 22:45 CST	0	Source: Trained Spotter

Thunderstorm wind blew down several power lines in town.

FRANKLIN COUNTY --- 2.3 WNW WASHINGTON [38.56, -91.04], 0.7 N SOUTH PT [38.54, -90.98]

02/27/11 22:50 CST	0	Thunderstorm Wind (EG 70 kt)
02/27/11 22:53 CST	0	Source: Emergency Manager

Thunderstorm winds blew down numerous large trees, tree limbs and power lines throughout town. A couple of businesses sustained minor to moderate roof damage when sections of their roofs were blown off. Some of the fallen trees landed on homes and vehicles causing minor to moderate damage. A section of bleachers at the Washington Fairgrounds were folded over.

FRANKLIN COUNTY --- UNION [38.45, -91.00]

02/27/11 22:50 CST	0	Thunderstorm Wind (EG 56 kt)
02/27/11 22:50 CST	0	Source: Newspaper

Thunderstorm winds uprooted a large tree on Main Street. It landed on an unoccupied car causing moderate damage. Also, another tree fell onto an unoccupied car destroying it. A nearby porch sustained minor damage as the tree fell.

WARREN COUNTY --- 1.0 S DUTZOW [38.59, -91.00], 0.5 NE DUTZOW [38.61, -90.99]

02/27/11 22:50 CST	0	Thunderstorm Wind (EG 56 kt)
02/27/11 22:52 CST	0	Source: Newspaper

Thunderstorm winds blew down sixteen power poles along Highway 47 between the Missouri River Bridge and Washington Regional Airport. Also, in Dutzow a pole barn was flattened, metal roof of a garage was peeled back and some shingles were blown off of a couple of houses. Several large trees were snapped off.

FRANKLIN COUNTY --- ST CLAIR [38.35, -90.98]

02/27/11 22:51 CST	0	Thunderstorm Wind (EG 56 kt)
02/27/11 22:51 CST	0	Source: Newspaper

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Several large trees and power lines were blown down around town.				
ST. CHARLES COUNTY --- 3.8 SSW FEMME OSAGE [38.58, -90.96], 1.2 S MATSON [38.60, -90.80]				
	02/27/11 22:52 CST	0		Thunderstorm Wind (EG 65 kt)
	02/27/11 22:54 CST	0		Source: NWS Storm Survey
The tornado that hit Balducci Winery was embedded within an area of strong straight line winds of 60 to 75 mph. Numerous areas of damage could be found from the countyline along Highway 94 towards Defiance. Numerous large trees and tree limbs were blown down.				
ST. CHARLES COUNTY --- 3.3 W AUGUSTA [38.58, -90.94], 0.3 ENE KLONDIKE [38.58, -90.82]				
	02/27/11 22:53 CST	0		Tornado (EF1, L: 6.20 mi , W: 200 yd)
	02/27/11 23:01 CST	0		Source: NWS Storm Survey
The tornado touched down near the Balducci Winery, about 3 miles west-northwest of Augusta. The tornado then continued to the east, producing intermittent damage along Highway 94 before moving into the Missouri River Valley about 4 miles southwest of Defiance. The tornado crossed the Missouri River into extreme northeast Franklin County. The width ranged from 50 to 200 yards. Maximum damage, noted at several locations along the path, was estimated at EF1. Some of the more significant damage included the total removal of a roof from a century old home at the Balducci Winery, significant tree and home damage 1 to 2 miles east of the winery, large trees snapped at a catholic church 1 mile northwest of Augusta, and structural damage to a home just northeast of Klondike Park. The total overall length of the tornado for both St. Charles and Franklin counties was 9.35 miles.				
FRANKLIN COUNTY --- 0.9 SSE VILLA RIDGE [38.46, -90.89]				
	02/27/11 23:00 CST	0		Hail (1.75 in)
	02/27/11 23:00 CST	0		Source: Trained Spotter
FRANKLIN COUNTY --- 2.6 NNW OETTERS [38.58, -90.82], 0.6 N ST ALBANS [38.59, -90.77]				
	02/27/11 23:01 CST	0		Tornado (EF1, L: 3.15 mi , W: 50 yd)
	02/27/11 23:04 CST	0		Source: NWS Storm Survey
As the tornado crossed the Missouri River from St. Charles County into extreme northeast Franklin County, it blew down and snapped off numerous trees in the flood plain before lifting and dissipating just north northeast of St. Albans. The width of the damage was around 50 yards and was rated EF1. The total overall length of the tornado for both St. Charles and Franklin counties was 9.35 miles.				
FRANKLIN COUNTY --- ST ALBANS [38.58, -90.77], 1.1 NE ST ALBANS [38.59, -90.75]				
	02/27/11 23:02 CST	0		Thunderstorm Wind (EG 65 kt)
	02/27/11 23:02 CST	0		Source: Newspaper
Thunderstorm winds caused minor to moderate roof damage to a number of homes in St. Albans. Also, several large trees and numerous tree limbs and power lines were blown down.				
ST. LOUIS COUNTY --- 1.1 SW CENTAUR [38.62, -90.72], 1.0 SW CENTAUR [38.62, -90.71]				
	02/27/11 23:03 CST	0		Tornado (EF1, L: 0.15 mi , W: 50 yd)
	02/27/11 23:04 CST	0		Source: NWS Storm Survey
A tornado touched down just northwest of the intersection of Wild Horse Creek Road and Babler Forest Road. Damage to the trees in this area was rated EF1. The tornado then crossed Wild Horse Creek Road and lifted just southeast of the intersection of Wild Horse Creek Road and Puellman Road. Path length was 0.15 miles and maximum width of damage was 50 yards.				
ST. LOUIS COUNTY --- 1.4 S CENTAUR [38.61, -90.70], 1.2 SSE CENTAUR [38.61, -90.69]				
	02/27/11 23:04 CST	0		Tornado (EF1, L: 0.36 mi , W: 75 yd)
	02/27/11 23:05 CST	0		Source: NWS Storm Survey
The tornado touched down in Babler Memorial State Park and caused tree damage southwest of the intersection of Theodore Martin Drive and Guy Park Road in the park, where several large trees where either snapped or uprooted. The tornado moved northeast along Guy Park Road causing more tree damage before lifting. This tornado was rated EF1, had a path length of 0.36 mile and a maximum width of 75 yards.				
ST. LOUIS COUNTY --- 0.8 SE CENTAUR [38.62, -90.69], 1.5 ESE CENTAUR [38.62, -90.67]				
	02/27/11 23:05 CST	0		Tornado (EF1, L: 0.91 mi , W: 200 yd)
	02/27/11 23:06 CST	0		Source: NWS Storm Survey
The tornado touched down causing extensive tree damage in Babler State Park. Numerous trees were uprooted and snapped along portions of John Cochran Road and Pine Road. The tornado continued east, crossing Babler Park Drive, where it hit a farmstead. A tin roof to a barn was partially removed and numerous trees were uprooted or snapped. The tornado lifted to the east of this farm. The damage was rated EF1, with a maximum width of 200 yards, and the track length was nine tenths of a mile.				

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ST. LOUIS COUNTY --- 1.6 SSE CENTAUR [38.61, -90.69], 1.9 SE CENTAUR [38.61, -90.67]				
	02/27/11 23:06 CST		0	Tornado (EF1, L: 0.74 mi , W: 50 yd)
	02/27/11 23:08 CST		0	Source: NWS Storm Survey
The tornado touched down in the campground area of Babler Memorial State Park in the far southern part of the park. Several large trees were either snapped or uprooted at this location and revealed a convergent damage pattern. The tornado again touched down and caused minor tree damage just north of the intersection of Babler Park Drive and Pond Road. The width of the damage area ranged from 40 to 70 yards and was rated EF1. The total path length of the tornado was three quarters of a mile.				
ST. CHARLES COUNTY --- 0.7 W WELDON [38.70, -90.68]				
	02/27/11 23:10 CST		0	Thunderstorm Wind (EG 52 kt)
	02/27/11 23:10 CST		0	Source: NWS Employee
A four to five inch diameter tree was snapped off at the base at the National Weather Service office.				
ST. LOUIS COUNTY --- 0.8 SW (SUS)SPIRIT/ST LOUIS [38.66, -90.66], 0.1 SE CREVE COEUR [38.67, -90.42]				
	02/27/11 23:10 CST		0	Thunderstorm Wind (MG 59 kt)
	02/27/11 23:15 CST		0	Source: ASOS
Thunderstorm winds blew down a large tree onto a home on Colonial Hills Parkway in Creve Coeur.				
ST. LOUIS COUNTY --- 2.2 ESE CENTAUR [38.62, -90.66], 2.5 SSE MONARCH [38.62, -90.65]				
	02/27/11 23:10 CST		0	Tornado (EF1, L: 0.60 mi , W: 70 yd)
	02/27/11 23:12 CST		0	Source: NWS Storm Survey
The tornado touched down along Rosemar Lane causing extensive tree damage. The tornado tracked east across Highway 109 causing minor tree and shingle damage to a few homes before lifting. The width of the damage area averaged 70 yards and was rated EF1. The total path length of the tornado was sixth tenths of a mile.				
ST. CHARLES COUNTY --- O FALLON [38.80, -90.70]				
	02/27/11 23:15 CST		0	Thunderstorm Wind (EG 56 kt)
	02/27/11 23:15 CST		0	Source: Trained Spotter
Thunderstorm winds blew down several power lines in town.				
ST. LOUIS COUNTY --- 0.6 SW ELLISVILLE [38.59, -90.59], 1.8 ENE BALLWIN [38.59, -90.54]				
	02/27/11 23:15 CST		0	Thunderstorm Wind (EG 52 kt)
	02/27/11 23:20 CST		0	Source: Trained Spotter
Several trees were blown down in Ballwin.				
ST. LOUIS COUNTY --- 0.5 WSW NATURAL BRIDGE JCT [38.75, -90.44], (STL)LAMBERT FLD ST [38.75, -90.37]				
	02/27/11 23:20 CST		0	Thunderstorm Wind (MG 58 kt)
	02/27/11 23:22 CST		0	Source: ASOS
The thunderstorm winds blew down several large power poles along Fee Fee Road just south of McDonnell Douglas Blvd.				
ST. LOUIS COUNTY --- 0.4 SSE SAPPINGTON [38.52, -90.40], 0.5 ESE LAKESHIRE [38.53, -90.36]				
	02/27/11 23:22 CST		0	Thunderstorm Wind (EG 61 kt)
	02/27/11 23:25 CST		0	Source: Trained Spotter
Thunderstorm winds blew down the sign for Ronnies 20 Cinema, as well as street signs on Lindbergh Blvd. Also, several interstate signs on I-270 were bent and twisted by the winds.				
ST. LOUIS COUNTY --- 0.6 ENE RICHMOND HGTS [38.63, -90.32]				
	02/27/11 23:25 CST		0	Thunderstorm Wind (EG 87 kt)
	02/27/11 23:25 CST		0	Source: NWS Storm Survey
Numerous large power poles and street lights were blown down along a two block section of Big Bend Blvd near intersection with Ethel Avenue.				
ST. LOUIS (C) COUNTY --- 2.1 S TOWER GROVE [38.62, -90.28]				

Storm Data and Unusual Weather Phenomena - February 2011

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	02/27/11 23:27 CST		0	Thunderstorm Wind (EG 56 kt)
	02/27/11 23:27 CST		0	Source: Broadcast Media

Thunderstorm winds blew down several large power lines onto Interstate 44 closing traffic in both directions for a number of hours.

ST. LOUIS COUNTY --- 1.8 SW CLIFF CAVE [38.43, -90.31]

02/27/11 23:30 CST	0	Thunderstorm Wind (EG 56 kt)
02/27/11 23:30 CST	0	Source: Trained Spotter

Thunderstorm winds blew down a large tree partially blocking Christopher Drive. Also, a carport was blown over and a large pine tree was uprooted.

ST. FRANCOIS COUNTY --- FARMINGTON [37.78, -90.42]

02/28/11 00:50 CST	0	Hail (1.00 in)
02/28/11 00:50 CST	0	Source: Trained Spotter

MADISON COUNTY --- 3.3 SW MILLCREEK [37.50, -90.37]

02/28/11 01:10 CST	0	Thunderstorm Wind (EG 61 kt)
02/28/11 01:10 CST	0	Source: Amateur Radio

Thunderstorm winds blew down a couple of power lines, snapped off a large tree and blew the roof off of a barn.

A quasi-stationary frontal boundary was the main focusing mechanism for a round of significant severe weather over the forecast area. A strong shortwave moved along the boundary triggering widespread showers and thunderstorms. Numerous reports of large hail, damaging winds and 22 tornadoes occurred with this system.